

WHAT IS CLAIMED IS:

1. A proxy service control method for executing, on behalf of an application stored in a user's terminal, a service being provided on a session set between the application and a server, the method being characterized by comprising:

a storage step of storing session information on said session in response to said user's request;

a monitor step of monitoring whether or not said session is being continued between said application and said server;

a proxy step of continuing said session with said server on behalf of said application on the basis of said session information stored in said storage step, if it is determined in said monitor step that said session has been interrupted; and

a transfer step of transferring said service on said session received in said proxy step, to said application.

2. The proxy service control method as claimed in claim 1, characterized by further comprising a detection step of detecting an ability of said application to receive said service and a conversion step of converting said service on said session received in said proxy step, into a different reception form on the basis of said ability detected in the detection step, and

in that said transfer step transfers said service in said reception form converted in said conversion step.

3. A proxy service control apparatus connected
5 between a user's terminal and a server to execute, on behalf of an application stored in said user's terminal, a service being provided on a session set between the application and said server, the apparatus being characterized by comprising:

10 storage means for storing session information on said session in response to said user's request;

monitor means for monitoring whether or not said session is being continued between said application and said server;

15 proxy means for continuing said session with said server on behalf of said application on the basis of said session information stored in said storage means, if said monitor means determines that said session has been interrupted; and

20 transfer means for transferring said service on said session received by said proxy means, to said application.

4. The proxy service control apparatus as claimed in claim 3, characterized in that said transfer means
25 includes detection means for detecting an ability of said application to receive said service and conversion means for converting said service on said session received by

said proxy step, into a different reception form on the basis of said ability detected by the detection means, and said service is transferred in said reception form converted by the conversion means.

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5. A computer-readable recording medium having a program recorded thereon which executes, on behalf of an application stored in a user's terminal, a service being provided on a session set between the application and a server, the recording medium being characterized in that the program allows a computer to execute:

a storage step of storing session information on said session in response to said user's request;

a monitor step of monitoring whether or not said session is being continued between said application and said server;

a proxy step of continuing said session with said server on behalf of said application on the basis of said session information stored in said storage step, if it is determined in said monitor step that said session has been interrupted; and

a transfer step of transferring said service on said session received in said proxy step, to said application.

6. The computer-readable recording medium as claimed in claim 5, characterized by further comprising a detection step of detecting an ability of said

application to receive said service and a conversion step of converting said service on said session received in said proxy step, into a different reception form on the basis of said ability detected in the detection step, and

5 in that said transfer step transfers said service in said reception form converted in said conversion step.

7. A program executing, on behalf of an application stored in a user's terminal, a service being provided on
10 a session set between the application and a server, the program being characterized by allowing a computer to execute:

a storage step of storing session information on said session in response to said user's request;

15 a monitor step of monitoring whether or not said session is being continued between said application and said server;

a proxy step of continuing said session with said server on behalf of said application on the basis of said
20 session information stored in said storage step, if it is determined in said monitor step that said session has been interrupted; and

a transfer step of transferring said service on said session received in said proxy step, to said application.

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8. The program as claimed in claim 7, characterized by further comprising a detection step of detecting an

ability of said application to receive said service and
a conversion step of converting said service on said
session received in said proxy step, into a different
reception form on the basis of said ability detected in
5 the detection step, and

in that said transfer step transfers said service in
said reception form converted in said conversion step.